

Message

From: Flowers, Lynn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1A4411C874D041B9A8BADFC32B91BD70-FLOWERS, LYNN]
Sent: 4/24/2014 9:18:31 PM
To: Birchfield, Norman [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c910f2fd28414e819b6afe6dda525e9f-Birchfield, Norman]; Cogliano, Vincent [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]; Deener, Kathleen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b9a2ff1c086249ea8f6414afde8a5e54-Deener, Kathleen]
Subject: Re: current glyphosate cRfD = 1.75 mg/kg-day

I like this Norm....very good. Sorry I wasn't more helpful. Thanks for taking this initiative....

From: Birchfield, Norman
Sent: Thursday, April 24, 2014 5:06:45 PM
To: Cogliano, Vincent; Flowers, Lynn; Deener, Kathleen
Subject: FW: current glyphosate cRfD = 1.75 mg/kg-day

FYI – I spoke to Michele Burgess about her question and sent her the following note. Please let me know if you have any concerns. Thanks

From: Birchfield, Norman
Sent: Thursday, April 24, 2014 5:06 PM
To: Burgess, Michele
Cc: Deener, Kathleen
Subject: RE: current glyphosate cRfD = 1.75 mg/kg-day

Hi Michele

I took a quick look at the materials you sent and the IRIS information on glyphosate. Glyphosate is the active ingredient in the heavily used herbicide Roundup (many millions of pounds are used annually in agriculture and for home use). The last time IRIS updated its glyphosate values was back in 1993 and OPP has re-reviewed it since then, including evaluating some newer data. It appears that there aren't many new tox studies, however, because most of the studies listed in the current OPP risk assessment are from 1990 or earlier.

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I hope this is helpful. I'm happy to look into this more if necessary.

Thanks

NB

From: Corona, Elizabeth
Sent: Wednesday, April 23, 2014 6:37 PM
To: Burgess, Michele
Cc: Birchfield, Norman; Deener, Kathleen
Subject: FW: current glyphosate cRfD = 1.75 mg/kg-day

Hi Michele,

I'm looping in Norm Birchfield, who is temporarily covering program support while I'm on detail to the ORD IOAA's office. I've included Kacee as well.

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Elizabeth Corona, Ph.D. – EPA|ORD – Special Assistant to Ramona Trovato
(Desk) 202-564-8356 – (BB) 703-859-2608

From: Burgess, Michele
Sent: Wednesday, April 23, 2014 10:07 AM
To: Corona, Elizabeth
Subject: FW: current glyphosate cRfD = 1.75 mg/kg-day

Hi,
We are in the final stretches of updating our Regional Screening Levels and we wanted an opinion from IRIS regarding glyphosate. We are thinking of adopting this value in lieu of the IRIS value.
Any insight would be greatly appreciated.
Thanks!

Michele Burgess, PhD
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Office of Superfund Remediation & Technology Innovation
Science Policy Branch
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MC 5204P
Washington, DC 20460

From: Schumacher, Kelly
Sent: Monday, March 24, 2014 2:50 PM
To: Burgess, Michele
Subject: current glyphosate cRfD = 1.75 mg/kg-day

Michele, see the attachments. There's a 2009 Reg Review scoping document, a 2012 risk assessment, and a draft 2014 risk assessment. Even though the 2014 document is still draft, it indicates that there's currently no new studies that would impact OPP/HED's tox values. That is, the cRfD is 1.75 mg/kg-day based on an UF of 100 (No FQPA factor – it's 1). No cancer slope factors.

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If I need to find an FR notice that has the attached information in it, please let me know.

Kelly

From: Middleton, Karlyn
Sent: Monday, March 24, 2014 1:37 PM
To: Schumacher, Kelly
Subject: FW: current glyphosate tox values

Hi Kelly

Look through these documents and see what you can find (I didn't go through them). Let me know what else you need and I'll do more digging.

From: Schumacher, Kelly
Sent: Monday, March 24, 2014 2:18 PM
To: Middleton, Karlyn; Swartz, Christina
Subject: current glyphosate tox values

For superfund purposes, is there any chance you guys could send me the most current glyphosate toxicity values (RfD, RfC, CSF/q-star, IUR)? This is another chemical with an outdated IRIS value, and I'd like us to use OPP's. I would be interested in the document that actually derives/presents the most current values, not necessarily the latest risk assessment with risk estimates. Please let me know if you have any questions.

*Kelly Schumacher
Toxicologist, EPA Region 7
913-551-7963*